

## Environmental Protection Agency

## § 86.230–94

### § 86.225–94 [Reserved]

### § 86.226–94 Calibration of other equipment.

The provisions of § 86.126 apply to this subpart.

### § 86.227–94 Test procedures; overview.

The provisions of § 86.127–94 (a), (b), and (e) apply to this subpart.

### § 86.228–94 Transmissions.

The provisions of § 86.128–79 apply to this subpart.

### § 86.229–94 Road load force, test weight, and inertia weight class determination.

(a) Flywheels, electrical forces, or other means of simulating test weight as shown in the table in this paragraph shall be used. If the equivalent test weight specified is not available on the dynamometer being used, the next higher equivalent test weight (not to exceed 250 pounds) available shall be used. Light-duty vehicles over 5750 lbs. loaded vehicle weight shall be tested at a 5,500 lb. equivalent test weight.

Loaded vehicle weight (pounds)	Equivalent test weight (pounds)	Inertia weight class (pounds)
Up–1,062 .....	1,000	1,000
1,063–1,187 .....	1,125	1,000
1,188–1,312 .....	1,250	1,250
1,313–1,437 .....	1,375	1,250
1,438–1,562 .....	1,500	1,500
1,563–1,687 .....	1,625	1,500
1,688–1,812 .....	1,750	1,750
1,813–1,937 .....	1,875	1,750
1,938–2,062 .....	2,000	2,000
2,063–2,187 .....	2,125	2,000
2,188–2,312 .....	2,250	2,250
2,313–2,437 .....	2,375	2,250
2,438–2,562 .....	2,500	2,500
2,563–2,687 .....	2,625	2,500

Loaded vehicle weight (pounds)	Equivalent test weight (pounds)	Inertia weight class (pounds)
2,688–2,812 .....	2,750	2,750
2,813–2,937 .....	2,875	2,750
2,938–3,062 .....	3,000	3,000
3,063–3,187 .....	3,125	3,000
3,188–3,312 .....	3,250	3,000
3,313–3,437 .....	3,375	3,500
3,438–3,562 .....	3,500	3,500
3,563–3,687 .....	3,625	3,500
3,688–3,812 .....	3,750	3,500
3,813–3,937 .....	3,875	4,000
3,938–4,125 .....	4,000	4,000
4,126–4,375 .....	4,250	4,000
4,376–4,625 .....	4,500	4,500
4,626–4,875 .....	4,750	4,500
4,876–5,125 .....	5,000	5,000
5,126–5,375 .....	5,250	5,000
5,376–5,750 .....	5,500	5,500
5,751–6,250 .....	6,000	6,000
6,251–6,750 .....	6,500	6,500
6,751–7,250 .....	7,000	7,000
7,251–7,750 .....	7,500	7,500
7,751–8,250 .....	8,000	8,000
8,251–8,750 .....	8,500	8,500
8,751–9,250 .....	9,000	9,000
9,251–9,750 .....	9,500	9,500
9,751–10,000 .....	10,000	10,000

(b) A dynamometer which meets the specifications of § 86.208–94(a) shall be adjusted to simulate the operation of a vehicle on the road at 20 °F (–7 °C). Such adjustment may be based on a determination of the road load force profile at 20 °F (–7 °C). Alternatively, the adjustment may be based on a 10 percent decrease in the target coastdown time that is used for FTP testing.

### § 86.230–94 Test sequence: general requirements.

(a) *Sequence steps.* Figure C94–1 shows the steps encountered as the test vehicle undergoes the procedures subsequently described, to determine conformity with the standards set forth.